

REMARKS

Very thanks for Examination's suggestion and thanks for finding some citations about the present invention, thereby, the applicant may know more information about the invention. This case has been carefully reviewed and analyzed in view of the office action.

Responsive to the objections and rejections made of the Examiner in office action. We have amended the specification, claims and abstracts. All the errors disclosed in that office action has been corrected according to the Examiner's indications as disclosed in the official action.

Examiner has kindly provides reference prior arts about the present invention, and thus the applicant has more information about the invention. All details of the reference prior arts are fully considered and compared with the present invention.

Accordingly, the Examiner's suggestion, I cancel the claim 7 due to meaninglessness of the claim item. Moreover, the feature of the original claim 4 is incorporated into the original claim 1 as the new claim 8 which is the only independent claim of this invention because I considers that the features in the original claim 4 is not disclosed in any of the cited citations.

Referring to Fig. 2 of the present invention and the Fig. 2 of the citation USP 4,851,015, it is shown that in the present invention, the front isolation plate and the rear isolation plate 321 and 322 are placed in the middle section of the tubes 21 and 31. Air in tube 21 can flow out from the holes 211 or front the front opening of the

tube 30 to the tube 31 directly so that air has two flow paths, but referring to Fig. 2 of the citation USP 4,851,015, the plates 94, 213 which forms the core 104 are separates from the tubes 74 and 80. This is different from the present invention.

Moreover, front ends 78, 86 of the tubes 74 and 80 are sealed so that air only flows out of the holes of the tubes (see column 10, line 5 to 35). This is also different from the present invention.

Furthermore, the citation does not discloses the material about the glass fiber being filled in the spaced isolated by the plates 321 and 322 of the present invention and the material of stainless steel and cotton structure enclosing the tubes 21, 31. Although other citations disclose these materials, but they do not disclose that these materials are used in the structure of the present invention and these citations are very different from the present invention, even they are not the same fields as the present invention. Thereby, I think that the present invention uses these materials to the novel structure of the present invention to make a new application which is completely from the citations. Thus, the present invention is an invention of novelty and inventive step.

From above viewpoint, I decide to cancel Claims 1 to 7, without prejudice or disclaimer of the subject matter thereof, and add new claims 8 to 12 as follows. The added new independent claim 8 is indeed from the original new claim 1 incorporated with the original claim 4 without any within the, and other new claims 9 to 12 are the original claims 2, 3, 5, and 6, respectively. Thus no new matter is added. However, the difference of the new claims from the

original claims is listed in the following.

8. (New Claim, from original claim 1 incorporated with the original claim 4) An easily controlled exhaust tube having a manifold; one end of the manifold being connected to a distal end of a connecting tube; another ends of the manifold being extended with a left branch tube and a right branch tube; the left branch tube being directly connected to an outer tube of a first noise eliminating tube and the right branch tube being connected to an inner tube of a second noise eliminating tube, the second noise eliminating tube having a valve seat; a connecting piece being welded between the first and second noise eliminating tubes; wherein

a valve is installed in the valve seat; a front and a rear sides of the valve seat have respective washers; the valve is controlled by a controller;[.] characterized in that:

(from original claim 4) a front tube wall of the inner tube 300 of the first noise eliminating tube 30 has noise eliminating holes 31; then stainless steel and cotton structure 311 encloses the first noise eliminating tube 30; an outer tube 32 encloses the section having the stainless steel and cotton structure; a front isolating plate 321 and the rear isolating plate 322 are installed in the outer tube 32 for installing the left branch tube and the inner tube of the first noise eliminating tube; glass fibers are filled in the outer tube; a flowing area is formed between the inner tube of the first noise eliminating tube and

the left branch tube; a rear section of the inner tube of the second noise eliminating tube is engaged with a distal tube.

9. (Original claim 2) The easily controlled exhaust tube as claimed in claim 1, wherein the left branch tube protrudes from the first noise eliminating tube; an tube wall of the outer tube has noise eliminating holes; and stainless steel and cotton structure encloses the left branch tube.
10. (Original claim 3) The easily controlled exhaust tube as claimed in claim 1, wherein an edge of the right branch tube has a locking seat and the right branch tube is connected to the second noise eliminating tube by using screws.

~~(Original claim 4 being cancelled)~~ [The easily controlled exhaust tube as claimed in claim 1, wherein a front tube wall of the inner tube of the first noise eliminating tube has noise eliminating holes; then stainless steel and cotton structure encloses the first noise eliminating tube; an outer tube enclose the section having the stainless steel and cotton structure; a front isolating tube and the rear isolating tube are installed in the outer tube for installing the left branch tube and the inner tube of the first noise eliminating tube; glass fibers are filled in the outer tube; a flowing area is formed between the inner tube of the first noise eliminating tube and the left branch tube; a rear section of the inner tube of the second noise eliminating tube is engaged with a distal tube.]

11.(Original claim 5) The easily controlled exhaust tube as claimed in claim 1, wherein a front end of the inner tube of the second noise eliminating tube is installed with a locking seat; two sides of the locking seat are combined to the right branch tube by screws and nuts; a middle section of the inner tube of the second noise eliminating tube has noise eliminating holes at a tube wall thereof; stainless steel and cotton structure encloses the noise eliminating holes; an outer tube encloses the section having the holes; glass fibers fill the outer tube; a distal end of the inner tube of the second noise eliminating tube is engaged with a distal tube

12.(original claim 6) The easily controlled exhaust tube as claimed in claim 1, wherein the controller has a motor which drives a gear and a switch is used to actuate, stop the motor and control the rotation direction of the motor; the gear is engaged with a gear on a rotary shaft; the rotary shaft is combined with the valve.

~~(original claim 6 being cancelled now)~~ [The easily controlled exhaust tube as claimed in claim 1, wherein a connecting piece is welded between the first and second noise eliminating tubes.]

It is now believed that the subject Patent Application has been placed in condition for allowance, and such action is respectively requested.

Respectfully submitted.

MTchung

Dated: 03/ 10 /2003

5F, No. 141, Ta Kuang. St, Taichung

Taipei Taiwan 408 R. O. C.